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Applicant(s): OGASAWARA, TAKESHI et al

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U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA						
	AB					_	
	AC					H	RECEIVED
	AD .	_				. A	" " 0
	AE					To	2002
					-		1700

FOREIGN PATENT DOCUMENTS

101		Document No.	Date	Country	Translation (Yes or No)
1).00	AF	7-45282	02/14/1995	Japan	Abstract
DW,	AG	8-222213	08/30/1996	Japan	Abstract
Aly	AH	10-149821	06/02/1998	Japan	Abstract
لهلا	AI	0 833 397	04/01/1998	Japan	Abstract
	AJ			,	

OTHER DOCUMENTS

	AK				
	AL				
Examiner	Fa	un Sulm	Date Considered	5-12-04	

INFORMATION DISCLOSURE CITATION PTO-1449 Filing Date: January 24, 2002 Group Art Unit: 1745

U.S. PATENT DOCUMENTS

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Examiner Initial	DEFIC	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	1						
	AA						
	AB						
	AC						
	AD	Ŷ					
	AE						

FOREIGN PATENT DOCUMENTS

,		Document No.	Date	Country	Translation (Yes or No)
Sw	AF	EP 1 113 512 A1	7/4/01	Europe	YES
CSW	AG	EP 0 902 490 A2	3/17/99	Europe	YES
I Sul	AH	0 460 425 A2	12/11/91	Europe	NO
Sw	AI	EP 0 817 291 A2	1/7/98	Europe 🔨	YES
	AJ				4

AK Patent Abstracts of Japan vol. 013, no. 381 (E-810), 23 August 1989 and JP 01 132065 A (Sanyo Electric Co Ltd), 24 May 1989 *abstract*

AL Database WPI, Section Ch, Week 199645, Derwent Publications Ltd., London, GB; Class L03, AN 1996-448220, XP002199048 & JP 08 222213 A (Hitachi Maxell KK), 30 August 1996 *abstract*

Examiner

Date Considered

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